

JAN 26 2004

PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 09/663,832

Filing Date 9/15/2000

First Named Inventor: Malcolm G. Smith, Sr.

Examiner: Daniel I. Walsh GROUP: 2876

Sheet

1

of

14

Attorney Docket Number ULT-010

U.S. PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ^{2(f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
DA	G001	US-1,756,547	04/1930	Hansen	
	G002	US-3,677,843	7/17/1972	Reiss	
	G003	US-3,838,252	9/24/1974	Hynes et al.	
	G004	US-4,058,839	11/1977	Darjany, John C.	
	G005	US-4,076,125	2/28/1978	Ohsaki et al.	
	G006	US-4,100,689	07/1978	Broune	
	G007	US-4,104,682	8/1/1978	Lehner et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ^{5 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶
DA	G008	EP 0194675	9/1986			
	G009	WO 9210485	12/1992			
	G010	JP 10041118	4/1998			
	G011	JP 10144391 A	5/1998	Kanda		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

(One Page) Advertising Brochure, Iomega Click! PC Card Drive (40 MB Disk) Iomega Corporation, 1999
Gooch et al. "A High Resolution Flying Magnetic Disk Recording System With Zero Reproduce Spacing Loss" Pages 4545-4554, IEEE Transactions on Magnetis, Volume 27, No. 6, November 1991
One (1) Page Advertising Brochure, SysTECH, Wallet Size CDROM, Copyright 1999
Three (3) Pages / Gold OD Mini ROM (Picture), Back/Front Packaging for CD Mini ROM AOL, America On Line

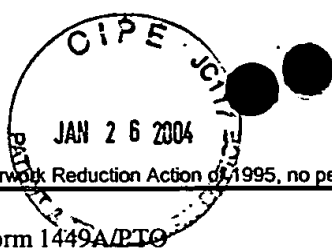
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number	09/663,832			
	Filing Date	9/15/2000			
	First Named Inventor:	Malcolm G. Smith, Sr.			
	Examiner: Daniel I. Walsh	GROUP: 2876			
Sheet	2	of	14	Attorney Docket Number	ULT-010

U.S. PATENT DOCUMENTS

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	G012	US-4,141,400		2/27/1979	Mangan	
	G013	US-4,197,988		4/15/1980	Moss et al.	
	G014	US-4,209,811		6/1/1980	Blazevic	
	G015	US-4,277,809		7/7/1981	Fisher et al.	
	G016	US-4,302,523		11/1/1981	Audran et al.	
	G017	US-4,318,136		3/2/1982	Jeffers	
	G018	US-4,403,138		9/1/1983	Battarel et al.	
	G019	US-4,450,955		5/29/1984	Featherston	
	G020	US-4,503,125		3/1/1985	Nelson et al.	
	G021	US-4,530,016		7/16/1985	Sawazaki	
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Sheet 3 of 14 Attorney Docket Number ULT-010

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	G025	US-4,592,042	5/1/1986	Lemelson et al.	
	G026	US-4,598,196	7/1/1986	Pierce et al.	
	G027	US-4,609,812	9/2/1986	Drexler	
	G028	US-4,612,436	9/16/1986	Okada	
	G029	US-4,620,727	11/4/1986	Stockburger et al.	
	G030	US-4,659,915	4/1/1987	Flies	
	G031	US-4,672,182	6/1/1987	Hirokawa	
	G032	US-4,683,371	7/1/1987	Drexler	
	G033	US-4,687,712	8/18/1987	Sugita et al.	
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			Examiner: Daniel I. Walsh	GROUP: 2876	
Sheet	4	of	14	Attorney Docket Number	ULT-010

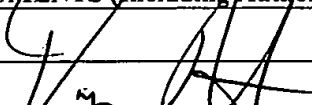
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	G039	US-4,756,967		7/1/1988	Hashimoto et al.	
	G040	US-4,774,618		9/27/1988	Raviv	
	G041	US-4,777,540		10/11/1988	McCoy	
	G042	US-4,780,604		10/1988	Hasegawa et al.	
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	G045	US-4,812,633		03/1989	Vogelgesang et al.	
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	G052	US-4,931,623	6/5/1990	Nakamura et al.	
	G053	US-4,937,438	6/26/1990	Warwick et al.	
	G054	US-4,978,401	12/18/1990	Bonomi	
	G055	US-4,998,009	03/1991	Iijima et al.	
	G056	US-5,036,430	07/1991	Hills	
	G057	US-5,049,728	09/1991	Rovin	
	G058	US-5,099,111	03/1992	Takakura et al.	
	G059	US-5,107,099	04/1992	Smith	
	G060	US-5,206,494	04/1993	Metzger	
	G061	US-5,236,791	08/1993	Yahisa et al.	
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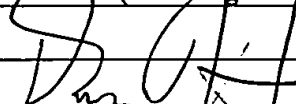
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DA	G064	US-5,321,243	6/14/1994	Groves et al.	
	G065	US-5,336,871	10/9/1994	Colgate Jr.	
	G066	US-5,362,952	11/8/1994	Nair et al.	
	G067	US-5,396,369	5/7/1995	Deland Jr. et al.	
	G068	US-5,396,545	3/7/1995	Nair et al.	
	G069	US-5,397,886	3/14/1995	Mos et al.	
	G070	US-5,408,384	04/1995	Gannyo et al.	
	G071	US-5,410,136	4/25/1995	McIntire et al.	
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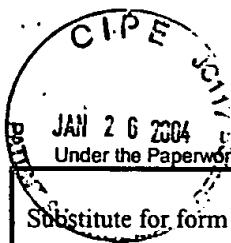
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Application Number 09/663,832

Filing Date 9/15/2000

First Named Inventor: Malcolm G. Smith, Sr.

Examiner: Daniel I. Walsh GROUP: 2876

Sheet 7 of 14 Attorney Docket Number ULT-010

U.S. PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ^{2, if known}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	G078	US-5,492,745	2/1996	Yokoyama	
	G079	US-5,509,083	4/16/1996	Abtahi et al.	
	G080	US-5,521,774	5/28/1996	Parks et al.	
	G081	US-5,530,232	6/25/1996	Taylor	
	G082	US-5,535,078	7/9/1996	Warwick	
	G083	US-5,557,089	9/17/1996	Hall et al.	
	G084	US-5,559,885	9/24/1996	Drexler et al.	
	G085	US-5,588,763	12/31/1996	Nubson et al.	
	G086	US-5,598,474	1/28/1997	Johnson	
	G087	US-5,609,253	3/11/1997	Goade, Sr.	
	G088	US-5,612,526	3/18/1997	Oguchi et al.	
	G089	US-5,626,970	5/1997	Hedgcoth	
	G090	US-5,637,174	6/10/1997	Field et al.	
	G091	US-5,679,942	10/21/1997	Toyama	

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number	09/663,832
	Filing Date	9/15/2000
	First Named Inventor:	Malcolm G. Smith, Sr.
	Examiner: Daniel I. Walsh	GROUP: 2876

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of

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Attorney Docket Number

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	G092	US-5,679,945		10/21/1997	Renner et al.	
	G093	US-5,696,369		12/1997	Watanabe	
	G094	US-5,698,839		12/17/1997	Jagielinski	
	G095	US-5,713,406		2/3/1998	Drury	
	G096	US-5,714,747		2/3/1998	West et al.	
	G097	US-5,720,500		2/24/1998	Okazaki et al.	
	G098	US-5,723,033		3/3/1998	Weiss	
	G099	US-5,734,154		3/31/1998	Jachimowicz et al.	
	G100	US-5,738,945		4/14/1998	Lal et al.	
	G101	US-5,748,737		5/5/1998	Daggar	
	G102	US-5,756,220		5/1998	Hoshino et al.	
	G103	US-5,763,862		6/9/1998	Jachimowicz et al.	
	G104	US-5,770,942		6/23/1998	Tagchi	
	G105	US-5,777,306		7/7/1998	Masuda	

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Sheet

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Attorney Docket Number

ULT-010

Application Number

09/663,832

Filing Date

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First Named Inventor:

Malcolm G. Smith, Sr.

Examiner: Daniel I. Walsh

GROUP: 2876

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G106		US-5,789,733	8/4/1998	Jachimowicz et al.	
G107		US-5,801,368	9/1998	Hayashi et al.	
G108		US-5,825,393	10/20/1998	Kocznar et al.	
G109		US-5,828,053	10/27/1998	Kinugasa	
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G111		US-5,843,565	12/1/1998	Davies et al.	
G112		US-5,844,218	12/1/1998	Kawan et al.	
G113		US-5,844,230	12/1/1998	Lalonde	
G114		US-5,851,688	12/22/1998	Chen et al.	
G115		US-5,852,289	12/22/1998	Masahiko	
G116		US-5,857,079	1/5/1999	Claus et al.	
G117		US-5,859,419	1/12/1999	Wynn	
G118		US-5,861,220	1/19/1999	Coughlin	
G119		US-5,862,174	1/19/1999	Yokota et al.	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

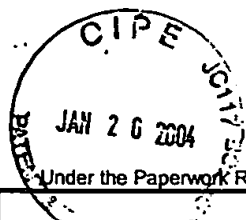
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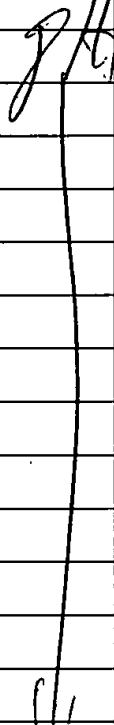


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Sheet	10	of	14	Attorney Docket Number	ULT-010
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	G120	US-5,866,891		2/2/1999	Fujimoto et al.	
	G121	US-5,869,823		2/9/1999	Bublitz et al.	
	G122	US-5,880,445		3/9/1999	Mori et al.	
	G123	US-5,883,377		3/16/1999	Chapin, Jr.	
	G124	US-5,884,271		3/1999	Pitroda	
	G125	US-5,886,333		3/1999	Miyake	
	G126	US-5,889,273		3/1999	Goto	
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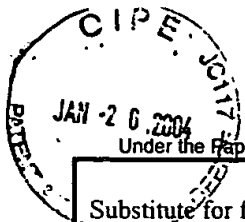
Examiner Initials*	Cite: No. ¹	Foreign Patent Document Cntry Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶

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Attorney Docket Number ULT-010

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	G134	US-5,941,375		8/1999	Kamens et al.	
	G135	US-5,979,774		11/1999	Urushibata	
	G136	US-5,997,042		12/1999	Blank	
	G137	US-6,079,621		6/2000	Vardanyan et al.	
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	G145	US-6,398,114	6/2002	Nishikawa et al.	
	G146	US-D264,853	6/1982	Scavino et al.	
	G147	US-D293,694	1/1988	Alden et al.	
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	G150	US-D408,377	4/20/1999	Ferchau et al.	
	G151	US-D410,769	6/1999	Dorizas	
	G152	US-D425,876	5/2000	Maiers et al.	
	G153	US-D429,733	8/2000	Jones et al.	
	G154	US-D436,991	1/2001	Morgante	
	G155	US-D447,146	8/2001	Myers	
	G156	US-D448,776	10/2001	Weng et al.	
	G157	US-5,041,922	08/20/1991	Wood et al.	
	G158	US-5,055,155	10/08/1991	Crotty et al.	

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	G159	FR 2505523	12/11/1982	Widmer MJF		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)Bhushan, Bharat, *Tribology and Mechanics of Magnetic Storage Devices*, New York: Springer-Verlag, pp. 599, 629-638

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

13

of

14

Attorney Docket Number

ULT-010

Application Number

09/663,832

Filing Date

9/15/2000

First Named Inventor:

Malcolm G. Smith, Sr.

Examiner: Daniel I. Walsh

GROUP: 2876

U.S. PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	G160	US-5,101,097	03/31/1992	Conant	
	G161	US-5,147,732	09/15/1992	Shiroishi et al.	
	G162	US-5,180,640	01/19/1993	Yamashita et al.	
	G163	US-5,191,198	03/02/1993	Do	
	G164	US-5,204,513	04/20/1993	Steele	
	G165	US-5,206,489	04/27/1993	Warwick	
	G166	US-5,217,056	06/08/1993	Ritter	
	G167	US-5,221,838	06/22/1993	Gutman et al.	
	G168	US-5,254,843	10/19/1993	Hynes et al.	
	G169	US-5,270,523	12/14/1993	Chang et al.	
	G170	US-5,286,958	02/15/1994	Smeets	

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Sheet 14 of 14 Attorney Docket Number ULT-010

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	G171	US-5,288,942	02/22/1994	Godfrey	
	G172	US-5,880,454	03/09/1999	Monicault	
	G173	US-5,621,583	04/15/1997	Parks et al.	
	G174	US-5,739,975	04/14/1998	Parks et al.	
	G175	US-6,430,114	08/06/2002	Wang et al.	
	G176	US-6,677,105	01/13/2004	Wang et al.	

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